

Date: Tuesday, 4/18/2006 10:07:20 AM  
 User: Kim Johnston

## Process Sheet

Split-1

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: CUSHION
Job Number	: 26694		
Estimate Number	: 10432		
P.O. Number	: NIA	Part Number	: D33051
This Issue	: 4/18/2006 S.O. No. : NIA	Drawing Number	: D3305 REV. B
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: NIA Type : PURCHASED PARTS	Drawing Revision	: B
Previous Run	: 25032	Material	: NIA
Written By	: <u>SEAD COMMENT Below</u>	Due Date	: 5/20/2006
Checked & Approved By	: <u>06.04.18</u>	Qty:	<u>10</u> Um: Each
Comment	: Est: A 04.09.07 New issue KJ/JLM		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PG	PURCHASING
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## Comment: PURCHASING

Issue P/O: 1031  
 Manufacture as per Dwg D3305  
 Possible Supplier: Aerotex Interiors  
 Material release note is required

C 2061041

2.0	D33051P	Cushion
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)  
 CUSHION

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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## Comment: PACKAGING RESOURCE #1

Recieve & Inspect for Transit Damage  
 Ensure Material Release Note is attached

R 4/5/3

(10)

4.0	QC6	DIMENSIONAL CHECK
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## Comment: DIMENSIONAL CHECK

R 06-05-06 (10)

5.0	PACKAGING 1	PACKAGING RESOURCE #1
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## Comment: PACKAGING RESOURCE #1

Identify and Stock  
 Location: st 381

R 4/5/10 (10)

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: 2 Date: 06/05/11  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 4/18/2006 10:07:20 AM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: CUSHION

Job Number: 26694

Part Number: D33051

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL  
Inspection Level 21

SD 06/05/11 (10)

Job Completion



u 06.05.10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

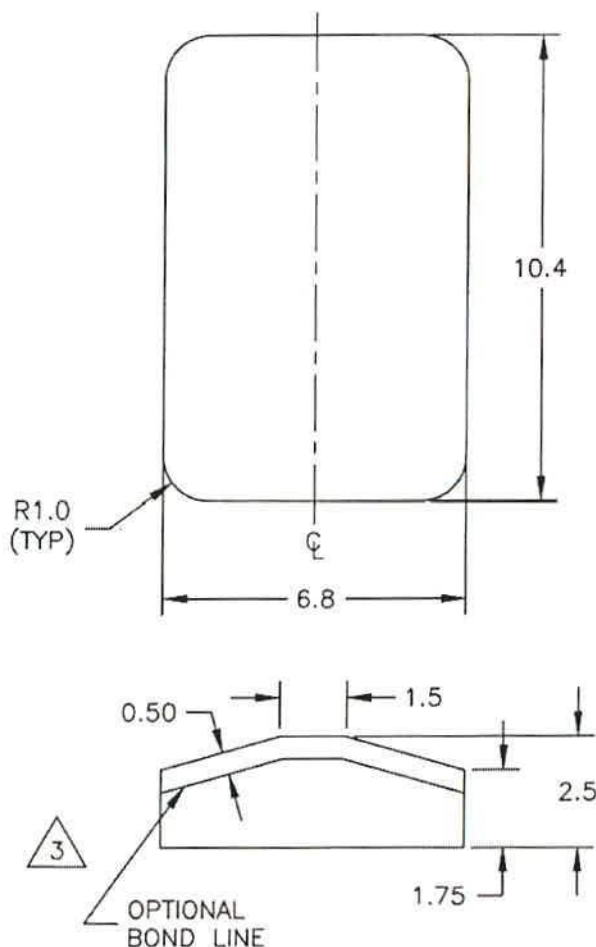


**DART**

DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. D3305	REV. B SHEET 1 OF 1
DATE 04.10.14		TITLE CUSHION	SCALE NTS
A	04.08.18	NEW ISSUE	
B	04.10.14	ADD BONDING SPEC.	

**RELEASED**

04.10.15 H

**D3305-1****D3305-1 NOTES:**

- 1) POSSIBLE SUPPLIER: AEROTEX INTERIORS INC.
- 2) MATERIAL: SKANDIA HR150 POLYFOAM (4.6 LBS/CU FT) TO MEET THE BURN TEST REQUIREMENTS OF FAR 29.853a2
- 3) CUSHION MAY BE ASSEMBLED BY BONDING A 0.5" PIECE OF FOAM TO A 2.0" PIECE OF FOAM AS SHOWN ABOVE USING 3M 1300 ADHESIVE (0.002" TO 0.010" THICK) I.A.W. MANUFACTURER'S INSTRUCTIONS
- 4) PART IS SYMMETRIC ABOUT CENTERLINE
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

SHOP COPY  
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SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 26694

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#24, 2333 - 18 Ave NE  
Calgary, AB T2E 8T6  
Phone: (403) 295-8770  
Fax: (403) 313 0793  
www.aerotexinteriors.com

## PACKING SLIP

DATE

PACKING SLIP #

4/28/2006

4366

### BILL TO

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, Ontario K6A 1K7  
Canada

### SHIP TO

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, Ontario K6A 1K7  
Canada

P.O. NO.

SHIP DATE

SHIP VIA

1031

4/28/2006

Federal Ex...

ITEM	DESCRIPTION	QTY
HEAD REST COVER	HEAD REST COVER PN: D3306041P Material: Dark Grey Mil-VT-206 TYPE II	10 <del>8</del> 10
HEAD REST CUSHION	HEAD REST CUSHION PN: D33051P Material: Skandia HR150	10 <del>8</del> 10
	Total GST Business Number: 139110308	<i>C 4/5/3</i>

Thank you for doing business with Aerotex Interiors!

**"Specializing in Aircraft Interiors"**

# AEROTEX INTERIORS INC.

#24, 2333 - 18 Ave NE  
Calgary, AB Canada T2E 8T6  
Phone: (403) 295-8770 Fax: (403) 313-0793  
www.aerotexinteriors.com

## \*Certification of Conformance\*

Regarding Purchase Order: 1031  
Our Work Order: 4366

Dated: 04/18/2006  
Dated: 04/19/2006

THIS IS TO CERTIFY:

THAT THE FOLLOWING MATERIAL HAS BEEN USED IN THE INVOICE STATED ABOVE:

MATERIAL - MIL-C-7219F T III - DARK GULL GREY

FOAM - HR 150

HAS BEEN FABRICATED TO ESTABLISHED  
SPECIFICATION TO CONFIRM WITH:

           F.A.R. 25.853  
  X   F.A.R. 25.853 (A)  
           F.A.R. 25.853 (B)  
           F.A.R. 25.853 (C)

SOLD TO:

DART AEROSPACE LTD.

  
AUTHORIZED REPRESENTATIVE





# SKANDIA

5000 N. Highway 251 ■ Davis Junction, IL 61020  
815.393.4600 ■ 800.945.7135  
www.SkandiaInc.com

Client:  
SKANDIA (PRODUCTS)  
5000 N HWY 251  
DAVIS JUNCTION IL 61020

WO #: 140438-06  
Date: 03/24/06  
Test Plan #:  
PO #:

Aircraft:  
STOCK

S/N:  
NA

## VERTICAL FLAMMABILITY TEST RESULTS

14 CFR PART 25.853(a) Amdt 25-116 App F Part I (a)(1)(ii)

Conditioning Room: Time In: 03/23/06 12:30PM Time Out: 03/24/06 3:20PM

Specimen: SKANDIA, INC.: HR POLYURETHANE FOAM 150 ILD 1/2", LOT #03156-H150

Flame Application (seconds)	Flame Time (seconds)	Burn Length (inches)	Drippings (seconds)
12	0.0	3.0	0.0
12	0.0	3.5	0.0
12	0.0	3.6	0.0
Average:	0.0	3.4	0.0

### Comments:

Vertical (12 sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 8". Average Dripping may not exceed 5 sec. after falling.

Passed:

☒

Failed :

☐

Signed:

Carin Demus





# SKANDIA

5000 N. Highway 251 ■ Davis Junction, IL 61020  
815.393.4600 ■ 800.945.7135  
www.SkandiaInc.com

Client:  
SKANDIA (PRODUCTS)  
5000 N HWY 251  
DAVIS JUNCTION IL 61020

WO #: 136369-06  
Date: 01/09/06  
Test Plan #:  
PO #:

Aircraft:  
STOCK

S/N:  
NA

## VERTICAL FLAMMABILITY TEST RESULTS

FAR 25.853 (a) Appendix F Part I (a) (1) (ii)

Conditioning Room: Time In: 01/06/06

Time Out: 01/09/06

Specimen: SKANDIA, INC.: HR POLYURETHANE FOAM 150 ILD 1/2", LOT #12165-H150

Flame Application (seconds)	Flame Time (seconds)	Burn Length (inches)	Drippings (seconds)
12	22.6	3.5	0.0
12	4.7	3.5	0.0
12	1.6	2.5	0.0
Average:	9.6	3.2	0.0

### Comments:

Vertical (12 sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 8". Average Dripping may not exceed 5 sec. after falling.

Passed: ☒

Failed : ☐

Signed:

*Carin Demus*

Carin Demus

Aug 10 05 03:54p

Beloates Inc

017-700 001

12/03/2001 WED 16:22 FAX 8608714237

Main Office

THE AMERBELLE Corporation

 TRAVIS TEXTILES @001  
 AMERBELLE 12-4-01  
 3016 ~~17602~~

 DYEING • FINISHING • COATING OF SYNTHETIC AND BLEND FABRICS  
 104 EAST MAIN STREET, P.O. BOX 150, VERNON, CT 06066-0150, TELEPHONE 860-875-3325, FAX 860-875-2238

# TEST REPORT

## LABORATORY QLL. 675

Customer	TRAVIS TEXTILES	Fabric	420/420 56/44 NYLON PACKCLOTH
Customer Lot No.	18880	Specification	MIL-C-7219F Type 3, Class 1, & FAR 25.853B PAGE 1
Amerbelle Lot No.	60125	Testing Completed	NOVEMBER 28, 2001
Color	DARK GULL GREY		
Batch Letter	33579		

TESTS	RESULT OF SAMPLE UNITS	REQUIREMENTS
Fabric Construction (FTM-5050)	60	60 MIN.
Ends/inch	46	45 MIN.
Picks/inch		
Width, inches (FTM-5020)	64 1/2"	AS SPECIFIED
Weight, (FTM-5041) oz/sq.yd.	AVG. 6.26	7.25 MAX.
Tensile, Ravel Strip lbs. (FTM5104)	AVG. 476	325 LBS. MIN.
Warp	AVG. 394	275 LBS. MIN.
Filling		
Tear, Tongue (ASTM-D2261-83) lbs.	AVG. 47	20 LBS. MIN.
Warp	AVG. 46	20 LBS. MIN.
Filling		
Colorfastness to Crocking (FTM-5651)	PASS	3.5
Dry	PASS	3.5
Wet		
FAR PAR 25.853 B INITIAL REQUIR.		
Afterflame - Warp, Seconds	PASS	Average not over 15 seconds
Afterflame - Filling, Seconds	PASS	Drippings may not continue to
Afterflame - Average, Seconds	PASS	flame over 15 seconds after
		falling.
FAR PAR 25.853B INITIAL REQUIR.		
Char Length - Warp, Inches	PASS	Average not over 8 inches
Char Length - Filling, Inches	PASS	
Char Length - Average, Inches	PASS	

I certify that the above test results were performed under my supervision in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested. I further certify that these samples were the only samples tested from the lot of components identified above.

Signed .....  
 Richard Abella, Laboratory Manager